

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRANSAMINASES AND AMINOTRANSFERASES

the specification of which [] is attached hereto or [X] was filed on May 8, 1996 as Application Serial No. 08/656,590 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Priority Claimed

Yes No
☐ ☐

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/599,171</u> (Application Serial No.)	<u>February 9, 1996</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u> </u> (Application Serial No.)	<u> </u> (Filing Date)	<u> </u> (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); and J.G. Mullins (Reg. No. 33,073). Address correspondence and telephone calls to Charles J. Herron c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Patrick V. Warren

Inventor's signature: Patrick V. Warren

Date: 7/23/96

Residence: 3507 Sheffield Avenue, Philadelphia, PA 19163

Citizenship: United States

Post Office Address: same

Full name of inventor: Ronald V. Swanson

Inventor's signature: Ronald V. Swanson

Date: 7/23/96

Residence: 309 No. Lemon Street, Apt. A, Media, PA 19063

Citizenship: United States

Post Office Address: same

INVENTOR DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TRANSAMINASES AND AMINOTRANSFERASES

the specification of which [] is attached hereto or [X] was filed on May 8, 1996 as Application Serial No. 08/646,590 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Priority Claimed

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

(Number)	(Country)	(Day/Month/Year Filed)
I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:		

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Patrick V. Warren
 Inventor's signature: Patrick V. Warren Date: 12/26/96
 Residence: 3507 Sheffield Avenue, Philadelphia, PA 19163 Citizenship: United States
 Post Office Address: same

Full name of inventor: Ronald V. Swanson
 Inventor's signature: Ronald V. Swanson Date: 12/23/96
 Residence: 309 No. Lemon Street, Apt. A, Media, PA 19063 Citizenship: United States
 Post Office Address: same

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Patrick V. Warren and Ronald V. Swanson, hereby sells, assigns and transfers to Recombinant BioCatalysis, Inc. ("Assignee") having a place of business at 505 Coast Boulevard South, La Jolla, California 92037, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

TRANSAMINASES AND AMINOTRANSFERASES

also known as United States Application Serial No. 08/646,590, filed May 8, 1996, and is entitled:

TRANSAMINASES AND AMINOTRANSFERASES

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grants power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); and William Squire (Reg. No. 25,378) and J.G. Mullins (Reg. No. 33,073) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. Address correspondence and telephone calls to Charles J. Herron c/o of Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, New Jersey 07068

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: Patrick V. Warren Date: 7/23/96
Patrick V. Warren

STATE OF PA, COUNTY OF Delaware ss.:

Before me this 23rd day of July, 1996 personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

Barbara J. Rosemann
Notary Public

NOTARIAL SEAL
BARBARA J. ROSEMAN, NOTARY PUBLIC
Ridley Twp., Del. Co., PA
My Commission Expires April 27, 1998

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Warren, P.V. *et al.* Art Unit:
Serial No.: 08/646,590 Examiner:
Filed: 5/8/96
Title: TRANSAMINASES AND AMINOTRANSFERASES

Assistant Commissioner for Patents
Washington, DC 20231

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) RECOMBINANT BIOCATALYSIS, INC., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. A copy of the Assignment, executed on July 23, 1996, is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Date of Deposit 6-13-97
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Stephanie Sharrett
Stephanie Sharrett

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints: John R. Wetherell, Jr., Ph.D. (Reg. No. 31,678); Lisa A. Haile (Reg. No. 38,347); Stacy L. Taylor (Reg. No. 34,842); John Land (Reg. No. 29,554), and June M. Learn (Reg. No. 31,238), of the firm of FISH & RICHARDSON P.C., as its attorneys with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

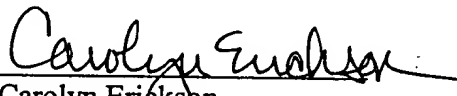
Please direct all telephone calls to John R. Wetherell at (619) 678-5070 and all correspondence relative to said application to the following address:

John R. Wetherell, Jr., Ph.D.
FISH & RICHARDSON, P.C.
4225 Executive Square, Suite 1400
La Jolla, California 92037
(619) 678-5099 (Facsimile)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 5-16-97


Carolyn Erickson
Manager, Business Development and
Regulatory Affairs
RECOMBINANT BIOCATALYSIS, INC.